

Smart Skies			
2007 Science and Technology			
Learning Results: Parameters for Essential Instruction			
Maine Science and Technology			
Grades 3-5			
Activity/Lesson	State	Standards	
Fly by Math	ME	SCT.3-5.D4.a	Predict the effect of a given force on the motion of an object.
Fly by Math	ME	SCT.3-5.D4.b	Describe how fast things move by how long it takes them to go a certain distance.
Fly by Math	ME	SCT.3-5.D4.c	Describe the path of an object.
Line Up with Math	ME	SCT.3-5.D4.b	Describe how fast things move by how long it takes them to go a certain distance.
Line Up with Math	ME	SCT.3-5.D4.c	Describe the path of an object.
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Grades 6-8			
Activity/Lesson	State	Standards	
Fly by Math	ME	SCT.6-8.B1.c	Use appropriate tools, metric units, and techniques to gather, analyze, and interpret data.
Fly by Math	ME	SCT.6-8.B1.d	Use mathematics to gather, organize, and present data and structure convincing explanations.
Fly by Math	ME	SCT.6-8.D4.e	Describe and apply an understanding of the effects of multiple forces on an object, and how unbalanced forces will cause changes in the speed or direction.
Line Up with Math	ME	SCT.6-8.D4.e	Describe and apply an understanding of the effects of multiple forces on an object, and how unbalanced forces will cause changes in the speed or direction.
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Grades 9-12			
Activity/Lesson	State	Standards	
Fly by Math	ME	SCT.9-12.D4.a	Describe the contribution of Newton to our understanding of force and motion, and give examples of and apply Newton's three laws of motion and his theory of gravitation.
Line Up with Math	ME	SCT.9-12.D4.a	Describe the contribution of Newton to our understanding of force and motion, and give examples of and apply Newton's three laws of motion and his theory of gravitation.